Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Wednesday 15 Feb 2023 until 23:59 on Thursday 16 Feb 2023

Forecast Issued on Tuesday 14 Feb 2023 at 10:24

Confidence: High for a period of more unsettled conditions over the next few days with cloud and rain at times. Low for developments over the weekend.

Headline for Wednesday 15 Feb 2023: Outbreaks of rain clearing in the afternoon. Windy on the tops.

Mountain weather hazards on Wednesday 15 Feb 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Clear night	Partly cloudy (night)	Light rain	Heavy Rain	Fog	Partly cloudy (night)	Fog
Precipitation probability							
<05%	<05%	<05%	50%	80%	20%	20%	50%

Forecast for Wednesday 15 Feb 2023

Weather: Dry with clear spells overnight then a bright start to the day. Cloud and outbreaks of rain will soon spread in from the west, turning to snow above 900m, before clearing early in the afternoon. Bright spells to end the day but clouding over again during the evening with outbreaks of light rain arriving towards midnight.

Chance of cloud-free hill tops above 800m: 95% lowering to 10% for several hours then improving to 60% in the afternoon.

Low cloud and visibility: A hazy morning and early afternoon and occasionally poor in rain with persistent cloud and fog developing above 500 or 600m. Visibility generally improving in the afternoon but low cloud and fog will continue to shroud the tops of southern and western fells.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Wednesday 15 Feb 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	33/41 SE	32/40 SE	32/40 S	38/48 S	23/30 SW	26/35 SW	28/37 SW	26/34 SW	25/34 SW
600	29/40 SE	28/38 S	26/36 S	30/43 S	17/23 SW	22/31 SW	23/33 SW	21/30 SW	20/30 SW
300	6/26 S	6/25 S	6/24 S	8/28 S	6/19 SW	11/26 SW	10/26 SW	9/24 SW	10/24 SW
Valley	8/26 SE	8/25 SE	7/23 SE	8/26 S	7/17 SW	12/25 SW	11/25 SW	11/23 SW	11/22 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	6/-0	5/-1	4/-3	1/-6	1/-5	1/-6	1/-6	1/-6	1/-6
600	6/0	5/-1	4/-2	3/-4	3/-2	3/-3	3/-3	3/-2	3/-3
300	6/4	4/2	4/1	4/1	5/3	5/2	5/1	5/2	5/2
Valley	8/6	7/5	6/4	7/4	7/5	7/4	7/4	7/5	7/4
Freezing Level*	1700m	1100m	1300m	1600m	1100m	1000m	1100m	1100m	1200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A windy and cold day on the tops with gales in the morning.

Forecast for Thursday 16 Feb 2023

Weather: Cloudy and misty with outbreaks of mostly light rain or drizzle. Becoming mainly dry from late afternoon to early evening before more persistent rain arrives from the west later.

Maximum wind: Southerly 25mph gusts 35mph overnight, decreasing to Southwest 10-15mph during morning.

Chance of cloud-free hill tops above 800m: Less than 10%, becoming 30% for a time late afternoon.

Low cloud and visibility: Extensive cloud and fog from low slopes upwards giving difficult navigation conditions and rather hazy below the cloud. Cloud perhaps lifting and breaking slightly late afternoon to early evening.

Temperature: **Valleys:** Plus 7C rising to 9C.
At 800m: Plus 3 or 4C.
Freezing level: Above summits.

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Tuesday 14 February 2023. Location: Helvellyn summit at 11:45. Full report: This report is beginning to sound like that proverbial broken record as the ground conditions have remained very similar over the past few days. The vast majority of the Lakeland fells up to, and including, summit level are clear of snow and ice. The only remaining patches of snow lie above 900m on steep north and east facing slopes; owing to both their height and aspect they have largely remained resistant to the milder temperatures with only a marginal thaw since Monday. However, owing to their location most walkers will not cross any snow as probably the only snow left on any path in the Lake District is at Swirral Edge's exit – although it can be avoided. Conversely, the normal exit to Striding Edge is now virtually snow free although, again, this snow can be avoided completely by taking a different route. Despite the milder temperatures the summit windchill temperature (what the temperature actually feels like) around midday was below zero (at minus 4 degrees) and quickly chilled those not carrying extra clothing. Therefore full winter clothing (waterproofs, extra warm layers, hat & gloves), mountain boots and equipment including a torch, map and compass all remain essential to safely roam the fells. This advice is not just for safety but also for enjoyment as having laboured up a fell your reward should be to savour the views by donning extra clothing and lingering rather than having to carry on to try and keep warm! For those interested in the weather stats, the wind was noticeably stronger on the ascent and descent compared with the summit readings. Temperature: plus 2.3 C, Maximum wind speed 26.6 mph, Wind chill: minus 4.1 C, Average wind speed: 21.6 mph.

Issued at: 1024 on Tue 14 Feb 2023

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